

METHODS AND DEVICES FOR OPTIMIZING POWER CONSUMPTION OF TRIP UNITS CONTAINING MICROPROCESSORS

Abstract of Disclosure

A method is provided for optimizing the power consumption of a trip unit. The method comprises sensing a first output from a power system, the first output including a first current and a current-sensing signal; supplying a power supply with only the first current, or with a second current alone or in combination with the first current; powering a microprocessor from the power supply; inputting a second output to the microprocessor indicative of whether the power supply is receiving the second current; operating the microprocessor at a first state when the second output indicates the power supply is not receiving the second current; and operating the microprocessor at a second state when the second output indicates the power supply is receiving the second current alone or in combination with the first current.

Figures

Year	Country	Value	Unit	Source
1990	China	1000000	kg	FAO
1991	China	1000000	kg	FAO
1992	China	1000000	kg	FAO
1993	China	1000000	kg	FAO
1994	China	1000000	kg	FAO
1995	China	1000000	kg	FAO
1996	China	1000000	kg	FAO
1997	China	1000000	kg	FAO
1998	China	1000000	kg	FAO
1999	China	1000000	kg	FAO
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2002	China	1000000	kg	FAO
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2009	China	1000000	kg	FAO
2010	China	1000000	kg	FAO
2011	China	1000000	kg	FAO
2012	China	1000000	kg	FAO
2013	China	1000000	kg	FAO
2014	China	1000000	kg	FAO
2015	China	1000000	kg	FAO
2016	China	1000000	kg	FAO
2017	China	1000000	kg	FAO
2018	China	1000000	kg	FAO
2019	China	1000000	kg	FAO
2020	China	1000000	kg	FAO